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Examiner: Ayal I. Sharon **Group:** 2123

Date: October 12, 2007

Client Code: 1086

Facsimile No.: 571-273-8300

From: Jean-Paul Cass
Registration No.: 46,605

Subject: Supplemental Amendment in response to the Final Office Action
mailed on September 6, 2007

Docket No.: 1086.2002-001

Applicants: Paul Turner, John P. Guiver, Brian Lines and S. Steven Treiber

Application No.: 09/892,586

Filing Date: June 27, 2001

Number of pages including this cover sheet: 25

Please confirm receipt of facsimile: Yes No

Comments:

760290_1

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760282_1
MLW/JPC/rjl

October 12, 2007

PATENT APPLICATION
DOCKET NO. 1086 2002-001
Expedited Procedure under 37 C.F.R. § 1.116
Examining Group 2123**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Paul Turner, John P. Guiver, Brian Lines and S. Steven Treiber

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Application No.: 09/892,586 Group: 2123

OCT 12 2007

Filed: June 27, 2001 Examiner: Ayal I. Sharon

Confirmation No.: 2279

For: COMPUTER METHOD AND APPARATUS FOR CONSTRAINING A
NON-LINEAR APPROXIMATOR OF AN EMPIRICAL PROCESS**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

October 12, 2007

Date

Signature

*Marianne Lentini*_____
Marianne Lentini

Typed or printed name of person signing certificate

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is a Supplemental Amendment in response to the Final Office Action for filing in the above-identified application.

- Small entity status of this application under 37 CFR 1.9 and 1.27 has been established by a Small Entity Statement previously submitted.
- A Small Entity Statement to establish small entity status under 37 CFR 1.9 and 1.27 is enclosed.

09/892,586

-2-

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The claims fee has been calculated as shown below:

OCT 12 2007

			SMALL ENTITY		OTHER THAN SMALL ENTITY	
			RATE	ADDITIONAL FEE	RATE	ADDITIONAL FEE
TOTAL	30	MINUS	*	64	0	
INDEP	12	MINUS	**	22	0	
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM			X \$25	\$	X \$50	\$
			X \$105	\$	X \$210	\$
			+ \$185	\$	+ \$370	\$

* not fewer than 20

** not fewer than 3

TOTAL = \$ 0 TOTAL = \$ 0

The Application Size Fee has been calculated as shown below:
(Effective for cases filed on or after December 8, 2004)

Actual Sheets (Including current amendment)	Highest No. of Sheets Paid For (At least 100)	No. of Additional Units Required (Increments of 50 sheets)	SMALL ENTITY		OTHER THAN SMALL ENTITY		Payment Sufficient for up to
			Rate	Total Amount Owed	Rate	Total Amount Owed	
			X \$130	\$[]	X \$260	\$[]	[] Sheets

Petition for Extension of Time

- Applicant hereby petitions to extend the time to respond to the [] dated [] for [] month(s) from [] to []. The appropriate fee is set forth below.
- {For action-specific language in an extension of time, select the appropriate option from the Firm Templates}*

09/892,586

-3-

Please charge Deposit Account No. 08-0380 for the following fees:

<input type="checkbox"/> Petition for [] month Extension of Time	\$ _____
<input type="checkbox"/> Claims Fee	\$ _____
<input type="checkbox"/> Application Size Fee	\$ _____
<input type="checkbox"/> Other Fees:	\$ _____
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TOTAL:	\$ _____

A check is enclosed in payment of the following fees:

<input type="checkbox"/> Petition for [] month Extension of Time	\$ _____
<input type="checkbox"/> Claims Fee	\$ _____
<input type="checkbox"/> Application Size Fee	\$ _____
<input type="checkbox"/> Other Fees:	\$ _____
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TOTAL:	\$ _____

Please charge any deficiency or credit any overpayment in the fees that may be due in this matter to Deposit Account No. 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Jean-Paul Cass
Jean-Paul Cass
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Concord, Massachusetts 01742-9133

Dated: 10/12/2007

760205_1
MLW/SGLG/JPC
October 10, 2007

PATENT APPLICATION
Attorney's Docket No. 1086 2002-001
Expedited Procedure under 37 C.F.R. § 1.116
Examining Group 2123

THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicants: Paul Turner, John P. Guiver, Brian Lines and S. Steven Treiber

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October 12, 2007 *Marianne Lentini*

Date *October 12, 2007* Signature *Marianne Lentini*
Typed or printed name of person signing certificate

SUPPLEMENTAL AMENDMENT AFTER FINAL REJECTION UNDER 37 CFR § 1.116

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Amendment is being filed in response to the final Office Action mailed from the U.S. Patent and Trademark Office on September 6, 2007 in the above-identified application. Reconsideration and further examination are requested.

Please amend the application as follows: